

INFANT DEATHS

TABLE 63
INFANT DEATHS BY GEOGRAPHICAL AREA
1998

| COUNTY | INFANT DEATHS | | | | PERINATAL MORTALITY | |
|---------------------|---------------------|----------------|--------------------|----------------|---------------------|----------------|
| | PLACE OF OCCURRENCE | | PLACE OF RESIDENCE | | PLACE OF RESIDENCE | |
| | Number | Rate <u>a/</u> | Number | Rate <u>a/</u> | Number | Rate <u>b/</u> |
| Hawai'i | 5 | 2.7 | 19 | 9.9 | 18 | 9.4 |
| Honolulu | 111 | 8.3 | 84 | 6.4 | 124 | 9.4 |
| Kaua'i | 2 | 2.7 | 3 | 3.9 | 5 | 6.4 |
| Maui | 2 | 1.2 | 10 | 5.7 | 12 | 6.8 |
| Sub-Total Residents | | | 116 | 6.6 | 159 | 9.0 |
| Foreign | - | - | 2 | - | 1 | - |
| Other Non-Residents | - | - | 2 | - | 4 | - |
| Unknown | - | - | - | - | 1 | - |
| Total | 120 | 6.8 | 120 | - | 165 | - |

Note:

a/ Number of Resident Deaths per 1,000 live births.

b/ Resident infant deaths under 1 week of age plus the number of fetal deaths of 20 weeks or more gestation divided by the sum of total resident live births plus resident fetal deaths of 20 weeks or more gestation, per 1,000.

TABLE 64
INFANT DEATHS BY GEOGRAPHICAL AREA AND ETHNICITY OF INFANT
1998

| COUNTY OF RESIDENCE | ETHNICITY OF INFANT | | | | | | | | | | | |
|---------------------|---------------------|----------|---------|----------|----------|--------------|--------|--------|------------|-------|------------|-----------|
| | Caucasian | Hawaiian | Chinese | Filipino | Japanese | Puerto Rican | Korean | Samoan | Portuguese | Black | Vietnamese | Other/Unk |
| Hawai'i | 1 | 11 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Honolulu | 18 | 35 | 2 | 8 | 9 | 0 | 1 | 1 | 0 | 5 | 1 | 4 |
| Kaua'i | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Maui | 0 | 6 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Foreign | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Oth Non-Resident | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Total | 21 | 52 | 3 | 15 | 10 | 0 | 1 | 1 | 0 | 6 | 2 | 9 |

TABLE 65
INFANT DEATHS BY AGE OF MOTHER AND ETHNICITY OF MOTHER
RESIDENTS, 1998

| ETHNICITY OF MOTHER | AGE OF MOTHER | | | | | | | | | | Total |
|---------------------|---------------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-------|
| | 14-15 | 16-17 | 18-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45+ | Unk | |
| Caucasian | - | - | 1 | 7 | 4 | 9 | 2 | - | - | - | 23 |
| Hawaiian | - | 2 | 7 | 13 | 7 | 4 | 6 | 1 | - | - | 40 |
| Chinese | - | - | - | 1 | - | 1 | 1 | 2 | - | - | 5 |
| Filipino | - | 1 | 5 | 1 | 3 | 7 | 1 | - | - | - | 18 |
| Japanese | - | - | 3 | 6 | 1 | 2 | - | 2 | - | - | 14 |
| Puerto Rican | - | - | - | - | - | - | - | - | - | - | 0 |
| Korean | - | - | - | 1 | - | 1 | 1 | - | - | - | 3 |
| Samoan | - | - | - | - | 1 | - | - | - | - | - | 1 |
| Portuguese | - | - | - | - | - | - | - | - | - | - | 0 |
| Black | - | 1 | - | - | 2 | - | - | - | - | - | 3 |
| Vietnamese | - | - | - | 1 | - | - | - | - | - | - | 1 |
| Other | - | - | 2 | 1 | 1 | - | - | - | - | - | 4 |
| Unknown | - | - | - | - | - | 2 | - | - | - | 2 | 4 |
| Total | 0 | 4 | 18 | 31 | 19 | 26 | 11 | 5 | 0 | 2 | 116 |

TABLE 66
INFANT DEATHS BY ETHNICITY OF MOTHER AND TRIMESTER OF
FIRST PRENATAL CARE VISIT
RESIDENTS, 1998

| ETHNICITY OF MOTHER | TRIMESTER OF FIRST PRENATAL CARE VISIT | | | | | |
|---------------------|--|-------|--------|-------|-----|-------|
| | None | First | Second | Third | Unk | Total |
| Caucasian | 2 | 18 | 3 | - | - | 23 |
| Hawaiian | 4 | 32 | 3 | - | 1 | 40 |
| Chinese | - | 4 | 1 | - | - | 5 |
| Filipino | 4 | 10 | 2 | 1 | 1 | 18 |
| Japanese | 2 | 8 | 1 | 1 | 2 | 14 |
| Korean | - | 3 | - | - | - | 3 |
| Samoan | - | 1 | - | - | - | 1 |
| Black | - | 2 | - | - | 1 | 3 |
| Vietnamese | - | - | 1 | - | - | 1 |
| Other | - | 2 | 2 | - | - | 4 |
| Unknown | - | - | 1 | - | 3 | 4 |
| Total | 12 | 80 | 14 | 2 | 8 | 116 |

INFANT DEATHS

TABLE 67
INFANT DEATHS BY ETHNICITY OF INFANT, AGE AND BIRTH WEIGHT
RESIDENTS, 1998

| ETHNICITY OF INFANT | AGE OF INFANT (DAYS) | | | | | | | | | | BIRTH WEIGHT | |
|------------------------|----------------------|----------------|-----------|----------------|-----------|----------------|-----------|----------------|------------|----------------|------------------------|------------------------|
| | Under 1 Day | | 1 - 6 | | 7 - 27 | | Over 27 | | Total | | Under 1500 grams | 1500- 2499 grams |
| | No. | Rate <u>a/</u> | No. | Rate <u>a/</u> | No. | Rate <u>a/</u> | No. | Rate <u>a/</u> | No. | Rate <u>a/</u> | <u>b/</u> | <u>b/</u> |
| Caucasian | 12 | 4.0 | 3 | 1.0 | 1 | 0.3 | 4 | 1.3 | 20 | 6.7 | 13 | 3 |
| Hawaiian | 23 | 3.8 | 3 | 0.5 | 13 | 2.1 | 13 | 2.1 | 52 | 8.6 | 26 | 6 |
| Chinese | 2 | 3.1 | 1 | 1.6 | 0 | 0.0 | 0 | 0.0 | 3 | 4.7 | 0 | 1 |
| Filipino | 5 | 1.6 | 5 | 1.6 | 1 | 0.3 | 4 | 1.3 | 15 | 4.9 | 8 | 3 |
| Japanese | 6 | 3.1 | 2 | 1.0 | 0 | 0.0 | 2 | 1.0 | 10 | 5.2 | 6 | 2 |
| Puerto Rican | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 |
| Korean | 0 | 0.0 | 1 | 3.3 | 0 | 0.0 | 0 | 0.0 | 1 | 3.3 | 0 | 0 |
| Samoan | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 1.9 | 1 | 1.9 | 0 | 0 |
| Portuguese | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 0 | 0 |
| Black | 2 | 2.3 | 0 | 0.0 | 2 | 2.3 | 1 | 1.1 | 5 | 5.7 | 1 | 1 |
| Vietnamese | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 | 1 | 7.4 | 1 | 7.4 | 0 | 0 |
| Other | 2 | 2.1 | 4 | 4.3 | 0 | 0.0 | 0 | 0.0 | 6 | 6.4 | 5 | 0 |
| Unknown | 2 | NA | 0 | NA | 0 | NA | 0 | NA | 2 | NA | 2 | 0 |
| Total | 54 | 3.1 | 19 | 1.1 | 17 | 1.0 | 26 | 1.5 | 116 | 6.6 | 61 | 16 |

Notes:

a/ Rates are number of infant deaths per 1,000 live births

b/ Birth weights under 2,500 grams are considered low birth weight. Birth weights under 1,500 grams are considered very low.

TABLE 68
INFANT DEATHS BY ETHNICITY OF MOTHER AND EDUCATION OF MOTHER
RESIDENTS, 1998

| ETHNICITY OF MOTHER | EDUCATIONAL LEVEL ATTAINED | | | | | | |
|------------------------|----------------------------|-----------|------------|----------------|------------------|----------|------------|
| | None | Grade 1-8 | Grade 9-12 | 1-4 Yr College | >4 Yr College | Unk | Total |
| Caucasian | - | 1 | 7 | 12 | 3 | - | 23 |
| Hawaiian | - | 1 | 33 | 6 | - | - | 40 |
| Chinese | - | - | 4 | 1 | - | - | 5 |
| Filipino | - | 1 | 13 | 3 | 1 | - | 18 |
| Japanese | - | - | 5 | 7 | 1 | 1 | 14 |
| Puerto Rican | - | - | - | - | - | - | 0 |
| Korean | - | - | 1 | 1 | 1 | - | 3 |
| Samoan | - | - | 1 | - | - | - | 1 |
| Portuguese | - | - | - | - | - | - | 0 |
| Black | - | - | 2 | 1 | - | - | 3 |
| Vietnamese | - | - | 1 | - | - | - | 1 |
| Other | - | - | 4 | - | - | - | 4 |
| Unknown | - | - | - | - | - | 4 | 4 |
| Total | 0 | 3 | 71 | 31 | 6 | 5 | 116 |

TABLE 69
INFANT DEATHS BY CAUSE, SEX, BIRTH WEIGHT AND AGE
RESIDENTS, 1998

| CAUSE OF DEATH | Total | SEX | | BIRTH WEIGHT | | | AGE OF INFANT (DAYS) | | | | NEONATAL <u>a/</u> | |
|------------------------------------|------------|-----------|-----------|-----------------|-----------------|----------|----------------------|-----------|-----------|--------------|--------------------|------------|
| | | Male | Female | Under 2500 grms | Over 2499 grams | Unk | Under 1 Day | 1-6 Days | 7-27 Days | Over 27 Days | Under 28 Days | Rate |
| Infective Disease | 2 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0.0 |
| Infections of the Newborn | 5 | 3 | 2 | 4 | 1 | 0 | 0 | 0 | 5 | 0 | 5 | 0.3 |
| Meningitis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Pneumonia | 4 | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 4 | 0 | 0.0 |
| Asphyxia/Hypoxia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Congenital Anomaly of Circ. System | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0.1 |
| Other Cong. Anomaly | 20 | 13 | 7 | 13 | 7 | 0 | 9 | 7 | 2 | 2 | 18 | 1.0 |
| Chronic Pulmonary Heart Disease | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Complication of Pregnancy | 11 | 9 | 2 | 9 | 1 | 1 | 11 | 0 | 0 | 0 | 11 | 0.6 |
| Comp. of Placenta, Cord & Membrane | 3 | 2 | 1 | 2 | 1 | 0 | 2 | 1 | 0 | 0 | 3 | 0.2 |
| Complication of Labor and Delivery | 1 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0.1 |
| Birth Injury | 3 | 0 | 3 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0.2 |
| Hemolytic Disease | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Cardiac Disrhythmia | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0.0 |
| Resp. Distress Syndrome | 4 | 2 | 2 | 4 | 0 | 0 | 1 | 1 | 2 | 0 | 4 | 0.2 |
| Immaturity | 23 | 9 | 14 | 19 | 0 | 4 | 22 | 0 | 1 | 0 | 23 | 1.3 |
| Other Perinatal Conditions | 15 | 9 | 6 | 14 | 0 | 1 | 5 | 6 | 3 | 1 | 14 | 0.8 |
| SIDS | 4 | 1 | 3 | 0 | 3 | 1 | 0 | 0 | 0 | 4 | 0 | 0.0 |
| Unint. Injury | 3 | 1 | 2 | 0 | 2 | 1 | 0 | 0 | 1 | 2 | 1 | 0.1 |
| Child Abuse | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0.0 |
| Assault-Other & Unspecified Means | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0.0 |
| All Other | 14 | 6 | 8 | 5 | 8 | 1 | 0 | 4 | 2 | 8 | 6 | 0.3 |
| Total | 116 | 59 | 57 | 77 | 30 | 9 | 54 | 19 | 17 | 26 | 90 | 5.1 |

Note:

a/ Neonatal deaths are deaths of infants under 28 days of age. Rate is per 1,000 live births.